GOVERNMENT OF ANDHRA PRADESH
ABSTRACT

Planning Department- Transfer of Administrative control of " the Automatic Weather Stations wing from Andhra Pradesh State Development Planning Society (APSDPS), Vijayawada to Directorate of Economics and Statistics (DE&S) – Orders -Issued.

PLANNING (III) DEPARTMENT

G.O.Rt.No.35 **Dated:17-03-2025**

Read the following:

1. From the Chief Executive Officer, Andhra Pradesh State Development Planning Society,Lr.No.120/APSDPS/2017/77,Dt: 21.08.2024
2. Government Memo.No.2548013/Plg.III/A3/2024-1, Planning (III) Department Dt:10.09.2024.
3. From the Director, Directorate of Economics and Statistics, Vijayawada, Lr.No.5933/R&SC/2024,Dt:12.09.2024.

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ORDER:

In the reference 1st read above, the Chief Executive Officer, Andhra Pradesh State Development Planning Society, Vijayawada has forwarded proposal to Government for transmission of Automatic Weather Stations (AWS) wing to the Administrative control of Directorate of Economics and Statistics (DE&S) for administrative convenience, as per decision taken by the 7th Governing Body of Andhra Pradesh State Development Planning Society convened on 09.08.2024 under the chairmanship of Chief Executive Officer, Andhra Pradesh State Development Planning Society & Principal Secretary, Planning Department. There are 2817 weather stations established all over Andhra Pradesh. The servers act as the central repository for AWS data storage, and dissemination is established in Andhra Pradesh State Development Planning Society premises with 8 core members working on this weather station wing. Andhra Pradesh State Development Planning Society has further proposed that all the machinery pertaining to weather stations and the staff working for the weather station wing will continue to operate from Andhra Pradesh State Development Planning Society office only.

2. The Director, Directorate of Economics & Statistics(DE&S) also requested to continue the servers pertaining to Automatic Weather / Automatic Rain Gauge Stations and concerned staff of the weather stations wing temporarily at Andhra Pradesh State Development Planning Society, Vijayawada for convenience as the existing rented building of Directorate of Economics and Statistics is not sufficient to accommodate the above staff along with servers; and the Administrative control of the weather stations wing shall be transmitted to the Directorate of Economics and Statistics, Vijayawada to monitor for smooth running of AWS/ARG stations; and also requested to provide budget annually to Directorate of Economics and Statistics

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towards restoration of non-functioning AWS & ARG stations/maintenance of working AWS & ARG stations in the state.

3. After careful examination of the matter and in consultation with Law Department, Disaster Management, Information Technology, Electronics and Communications Department and Finance Department, Government, hereby transfers the Administrative control of " the Automatic Weather Stations wing from Andhra Pradesh State Development Planning Society, Vijayawada to Directorate of Economics and Statistics (DE&S), Gollapudi, Vijayawada. The servers of Automatic Weather Stations/ Automatic Rain Gauges and concerned staff shall be continued at Andhra Pradesh State Development Planning Society Vijayawada, till the new office building of the Director, Directorate of Economics and Statistics is finalised.

4. Accordingly, the Director, Directorate of Economics and Statistics, is directed to provide the Application Programming Interface (API) for taking up the following activities to APSDMA:

a. Analysis of actual rainfall data from AWSs
b. Alerting the public in low-lying areas based on hourly actual rainfall.
c. During heat wave season, alert the public based on temperature, humidity etc.
d. Integration of API with Web application/ Apps being used by APSDMA
e. At the time of cyclones/floods/ heatwave, this department is expected to prepare notes on rainfall, floods, heatwaves etc.,and submit the same to Hon'ble Chief Minister, Hon'ble Home Minister, Chief Secretary and District Collectors etc.
f. The data shared pertains to maps and weather data; Director, Directorate of Economics and Statistics is advised to continue using RESTful API for sharing the data with client Departments.

5. Regarding the Operating system database and other related technologies, on migration of the servers, Director, Directorate of Economics and Statistics is directed to take appropriate action as per cost analysis basis and convenience for the smooth transfer of Automatic Weather Station duly following the below guidelines:-

i. For the technical stack, Andhra Pradesh State Development Planning Society is currently using the Oracle DB as the "back end database". This proprietary database technology is expensive. In the absence of a clear justification to use this proprietary database technology, and given the limited scale and range of the department e-application, and also to consider migrating to the open-source, more popular relational database technologies like PostgreS or MySQL to prevent financial burden and vendor-lock.

ii. Arrive at a decision on hosting in SDC or in the cloud, depending on the cost analysis, and for migrating the servers from Andhra Pradesh State Development Planning Society in-house serves-environment to state enterprise server environment at the AP State Data Center (APSDC).

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6. The Chief Executive Officer, Andhra Pradesh State Development Planning Society (APSDPS), and the Director, Directorate of Economics and Statistics (DE&S) shall take further necessary action in the matter accordingly.

7. This order issues with concurrence of the Finance Department vide their U.O. No.Fin.Uo.No.FMU0RBAB (GAD 2)/3/2025 (ComputerNo.2705126).

(BY ORDER AND IN THE NAME OF THE GOVERNOR OF ANDHRA PRADESH)

PEEYUSH KUMAR
PRINCIPAL SECRETARY TO GOVERNMENT (FAC)

To
The Chief Executive Office, Andhra Pradesh State Development Planning Society, Vijayawada
The Director, Directorate of Economics & Statistics, Vijayawada.
Copy to:-
PS to Principal Secretary to Chief Minister,
OSD to Minister (Finance & Planning)
PS to the Chief Secretary to Government,
PS to the Principal Secretary to Government (FAC), Planning Department.
The Law Department,
The Revenue (DM) Deparment,
The Information Technology, Electronics and Communications Department
The Finance Department.
SF/SC

//FORWARDED:: BY ORDER//

SECTION OFFICER